Planned Course Offerings Fall 2015 to Spring 2018

Department of Electrical Engineering, University of Hawaii

The following are planned course offerings from Fall 2015 to Spring 2018. It may be subject to change.

Last updated 4/8/2015 by the Department of Electrical Engineering.

Track	Course Number	Credits	Design Credits	Course Title	Fall 2015	Spring 2015	Fall 2016	Spring 2016	Fall 2017	Spring 2018
EE CORE										
	EE 110 ***	3	0	Intro. to Engineering Computation		X		X		X
	EE 160 ***	4	0	Programming for Engineers	X	X	X	X	X	X
	EE 211	4	0.25	Basic Circuit Analysis I	X	X	X	X	X	X
	EE 213	4	0.25	Basic Circuit Analysis II	X	X	X	X	X	X
	EE 260	4	2	Introduction to Digital Design	X	X	X	X	X	X
	EE 296	1	0.5	Sophomore Project	X	X	X	X	X	X
	EE 315	3	0	Signal and Systems Analysis	X	X	X	X	X	X
	EE 323	3	1	Microelectronic Circuits I		X		X		X
	EE 323L	1	1	Microelectronic Circuits I Lab		X		X		X
	EE 324	3	0	Physical Electronics	X		X		X	
	EE 342	3	0	Probability and Statistics	X	X	X	X	X	X
	EE 371	3	0.5	Engineering Electromagnetics I	X		X		X	
	EE 396	2	1	Junior Project	X	X	X	X	X	X
	EE 495	1	0	Ethics in Electrical Engineering	X	X	X	X	X	X
	EE 496	3	3	Capstone Design Project	X	X	X	X	X	X
	Total:	**38/39**	**9.5**							
COMPUTER Engineering										
CORE	EE 205	3	1	Object Oriented Programming		X		X		X
	EE 361	3	1	Digital Systems and Computer Design	X		X		X	
	EE 361L	1	1	Digital Systems and Computer Design Lab	X		X		X	
	EE 362	3	0	Discrete Math for Engineers	X		X		X	
	EE 367	3	1.5	Computer Data Structures and Algorithms		X		X		X
	EE 367L	1	1	Computer Data Structures and Algorithms Lab		X		X		X
	EE 468	3	1.5	Introduction to Operating Systems	X		X		X	
	Total:	17	7							
ELECTIVE	EE 449	3	0	Computer Communication Networks	X		X		X	
	EE 406/461*	3	1	Introduction to Computer and Network Security / Computer Architecture		X		X		X
ELECTROPHYSICS TRACK										
CORE	EE 326	3	1	Microelectronic Circuits II	X		X		X	
	EE 326L	1	1	Microelectronic Circuits II Lab	X		X		X	
	EE 327	3	1.5	Theory and Design of IC Devices		X		X		X
	EE 372	3	0.5	Engineering Electromagnetics II		X		X		X
	EE 372L	1	0.5	Engineering Electromagnetics Lab		X		X		X
	Total:	11	4.5							
ELECTIVES	EE 435	3	**	Electric Power Systems	X		X		X	
	EE 438	3	**	Renewable Energy		X		X		X
	EE 470	3	**	Physical Optics	X		X		X	
	EE 471	3	**	Computational Electromagnetics		X		X		X
	EE 473/474/477*	3	2/0/0	Microwave Eng / Antennas / Radar, Sonar, & Nav Syst	X	X	X	X	X	X
	EE 475	3	**	Optical Communications		X				X
	EE 480	3	**	Intro to Biomed & Clinic Eng	X		X			
SYSTEMS TRACK										
CORE	EE 343	3	0.5	Introduction to Communication Systems	X		X		X	
	EE 343L	1	1	Introduction to Communication Systems	X		X		X	
	EE 351	3	0.5	Feedback-Control Systems		X		X		X
	EE 351L	1	1	Feedback-Control Systems Lab		X		X		X
	EE 415	4	2	Digital Signal Processing	X		X		X	
	Total:	12	5							
ELECTIVES	EE 416/445/446*	3	1/0/0	Intro. to Digital Image Processing / Machine Learning / Information Theory and Coding		X		X		X
	EE 417/452*	3	0.5	Introduction to Optimization/ Digital Control Systems	X		X		X	
	EE 442	3	0.5	Digital Communications		X		X		X
	EE 449	3	0	Computer Communication Networks	X		X		X	

* at least one of these courses will be offered in the semester indicated

** design credits for this course TBD

*** EE students (EP or Systems) are required to take either EE 160 or EE 110. Computer Engineering students are required to take EE 160.